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(71) Applicant (for all designated states except the US):
**EUCHNER GMBH + CO. KG [DE/DE]; Kohl-
hammerstrasse 16, 70771 Leinfelden-Echterdingen
(DE).**

(72) Inventor; and
(75) Inventor/Applicant (US only): **BAECHLE, Erik
[DE/DE]; Schönblickstr. 36, 70794 Filderstadt (DE).
LINK, Walter [DE/DE]; Heimerdinger Strasse 6,
71277 Rutesheim (DE).**

(74) Representative: **BARTELS AND PARTNER; Lange
Strasse 51, 70174 Stuttgart (DE).**

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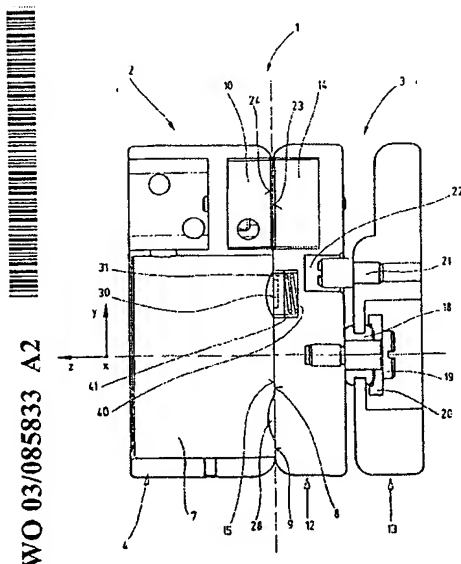
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(54) Title: **ELECTROMAGNETIC LOCKING SYSTEM FOR A SAFETY SWITCH**



(57) Abstract: The invention is related to a locking system (1) for a safety switch, comprising a read head (2) and an actuator (3), each of which is provided with a first or second componentry (10, 14) encompassing electrical and/or electronic components that interact with each other in an electrically contactless manner, thereby controlling the safety switch. The inventive locking system is characterized by the fact that the actuator (3) can be locked to the read head (2) by means of a switchable electromagnet (7) which interacts with a counterelement (12) and that the locking action is controlled by means of a sensor element (31, 32, 33, 34), the output signal of which depends on the magnetic field generated by the electromagnet (7).